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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,803	08/03/2001	Hugh James O'donnell	OT-4812	8340

26096 7590 10/21/2003

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EXAMINER

TRAN, THUY VAN

ART UNIT	PAPER NUMBER
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3652

DATE MAILED: 10/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/921,803

Applicant(s)

O'DONNELL ET AL.

Examiner

Thuy v. Tran

Art Unit

3652

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 6-8 and 16-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6-8 and 16-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 6, 7, 16, 17, 21 and 23 are rejected under 35 U.S.C. 102(b) as being anticipated by Thomson 4,550,559.

Thomson '559 discloses a method of making an elevator rope assembly comprising the steps of arranging a plurality of elongated load carrying members 11 (col. 2, lines 10-13) in a selected arrangement, coating the load carrying members with thermal polyurethane that does not contain wax (col. 2, lines 36-45).

***Claim Rejections - 35 USC § 103***

3. Claims 6-8 and 16-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over De Angelis 6,392,551 in view of Graff 3,8<sup>829</sup>2,531 or Scudder 3,724,322.

De Angelis '551 discloses a method of making elevator rope assembly comprising the steps of arranging a plurality of elongated load carrying members 2-4, Fig. 1, coating the plurality of load carrying members with thermal polyurethane coating 8. De Angelis does not mention a release agent apply to the mold.

Graff '531 and Scudder '322 separately discloses that when coating a product with poly/urethane, apply release agent to the mold would easily strip the coating from the mold.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have applied release agent to the mold of De Angelis in order to strip the coating from the mold as well known in the rope making art.

A coating has a rectangular cross section would have been an obvious choice of shaped type based upon the application and design choice of the worker. In other words, when the prior art discloses a method of making a rope/belt, it would have been obvious to one having ordinary skill in the art to use any common mold shape to produce a desired cross section.

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4. Claims 18-20 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thomson 4,550,559.

Thomson '559 discloses all the claimed limitations except for a coating having rectangular cross section. A coating has a rectangular cross section would have been an obvious choice of shaped type based upon the application and design choice of the worker. In other words, when the prior art discloses a method of making a rope/belt, it would have been obvious to one having ordinary skill in the art to use any common mold shape to produce a desired cross section.

#### ***Response to Arguments***

5. Applicant's arguments filed July 31, 2003 have been fully considered but they are not persuasive. Applicant argues that none of the cited references discloses poly/urethane does not contain wax. As a matter of fact, if none of the references discloses poly/urethane contains wax, then they can interpret as not including wax.

#### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy v. Tran whose telephone number is (703) 308-2558.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen D Lillis can be reached on (703) 308-3248. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

TVT (TJT)

 10-20-03  
DEAN J. KRAMER  
PRIMARY EXAMINER